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MILK

FARM PRODUCTION, DISPOSITION, and INCOME

1954-55

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MILK: FARM PRODUCTION, DISPOSITION AND INCOME 1954-55 1/

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SUMMARY

Milk production on farms reached a new high of 123.5 billion pounds in 1955, with further increased production per cow from a slightly smaller number of milk cows. Farm-churned butter production declined to 169 million pounds but still represented one-ninth of all butter.

Milk used on farms where produced declined 3 percent to the smallest amount in 32 years of record. Farmers marketed 108.5 billion pounds of milk as milk or cream, or 88 percent of that produced in 1955. Sales of whole milk to plants and dealers, now five-sixths of the total marketed, increased 3 percent and reached a new high. However, cream sold to plants or dealers and retail milk sales by producers declined further, both to the lowest level in records dating back to 1924. Prices to farmers for dairy products showed little change, with 1955 unit returns for milk in all forms sold averaging $3.88 per hundredweight, a trifle above 1954, but lower than in the 3 preceding years.

Cash receipts from the marketings of milk and cream by farmers in 1955 totaled $4,212 million, 2 percent more than in 1954. Whole milk sold to plants and dealers returned $3,627 million; cream sold to plants and dealers, $321 million; and farmers' retail sales of milk and cream directly to consumers, $264 million. Milk used on farms where produced for fluid consumption and farm butter was valued at $503 million, bringing the gross farm income from dairy products to $4,715 million. All milk produced in 1955 was worth $4,838 million.

Final product usage of milk produced in 1955 was about evenly divided between factory and fluid items. Over a 3-decade period, there have been sharp increases in nonfarm fluid consumption and in milk used for whole-milk factory products, chiefly at the expense of farm uses.

1/ Prepared by John L. Wilson and Charles W. LeGrande, Agricultural Statisticians, under the general direction of B. H. Bennett, Chief, Dairy Statistics Branch, Agricultural Estimates Division, Agricultural Marketing Service.

MILK PRODUCTION, DISPOSITION AND INCOME

Milk produced on farms by 2.8 million milking herds in 1955 totaled 123,454 million pounds, 1 percent above that in 1954, and an all-time high annual output. This was equivalent to 747 pounds for each person, less than in either 1953 or 1954, and about 5 percent below the 1944-53 average.

The number of milk cows on farms in 1955 totaled 21,232 thousand, 2 percent less than in 1954 and the smallest since 1928. Annual milk production per cow continued to rise, reaching an all-time high of 5,815 pounds in 1955. With milk testing an average of 3.86 percent fat, milkfat production per cow was 224 pounds.

In the early and late months of 1955, milk production was high relative to average, with major increases over 1954 coming in the late months of the year. In most States outside the central and lower Great Plains and Rocky Mountain areas, milk production was up from 1954. In 1955 milk output, Wisconsin led the States with 16,547 million pounds; followed by New York, with 9,825 million pounds and Minnesota with 8,843 million pounds. Data on milk cows and milk production by States for 1955 and 1954 are shown in tables 6 and 10.

Farm-churned butter declines

Butter churned on farms in 1955 totaled 169 million pounds, or about 11 percent of the combined production of creamery and farm butter. Although butter is still made on nearly a million farms, the volume has been declining rapidly in recent years and is concentrated mainly in the South where many farmers have only 1 or 2 milk cows for supplying the family. Alabama with 16.4 million pounds of butter led the States, followed by North Carolina with 16.0 million, Mississippi with 12.7 million, and Tennessee with 12.5 million pounds.

More milk marketed, less used on farms

Milk marketed by farmers as milk or cream in 1955 totaled 108.5 billion pounds -- almost 2 billion pounds or 2 percent more than in 1954 and the largest quantity ever sold from farms in the United States. Whole milk sold by farmers to plants and dealers (for resale through fluid channels or for processing into manufactured dairy products) in 1955 totaled 90.6 billion pounds. This is a record large volume marketed, and was 3 percent greater than in 1954. By States, whole milk sales from farms in 1955 were generally up from a year earlier, with increases of a quarter billion pounds or more in New York, Pennsylvania, Wisconsin, and Minnesota. On the other hand, the volume sold declined in a half dozen States including Indiana, Illinois, Utah, and Oregon. As usual, Wisconsin led in sales of whole milk to plants and dealers with 15.3 billion pounds, followed by New York with 9.1 billion pounds; California, 6.4 billion pounds; Minnesota, 5.8 billion pounds; and Pennsylvania, 5.6 billion pounds.

The volume of milk separated on farms and sold as cream to plants and dealers in 1955 totaled 15.2 billion pounds -- 5 percent below 1954 and the lowest in over 3 decades of record. In the West North Central region, source of nearly three-fourths of the Nation's farm-skimmed cream, the amount of milk skimmed in 1955 was down 3 percent from the previous year. In Iowa, the lead-

ing cream-selling State, about 3.6 billion pounds of milk was used for this purpose, 4 percent less than in the year earlier. Minnesota followed with 2.5 billion pounds of milk separated, 6 percent less than in 1954. In other regions, the amount of milk sold as cream was down 7 percent in the North Atlantic, 8 percent in each the East North Central, South Atlantic, and South Central regions, and 9 percent in the West.

Milk retailed by farmers directly to consumers as milk or cream in 1955 is estimated at 2,735 million pounds -- 7 percent less than in 1954 and the lowest on records dating from 1924.

Milk used on farms where produced accounted for 14,926 million pounds, or 12 percent of the total milk produced. Farm uses in 1955 were down 3 percent from 1954 and the lowest in 32 years of record. Of the total farm uses, 8,257 million pounds were consumed on farms where produced as fluid milk or cream, 3,365 million pounds were used for farm-churned butter, and 3,304 million pounds were fed to calves.

Cash receipts from marketings up 2 percent

Farmers' cash receipts from marketings of milk or cream in 1955 totaled $4,212 million, up 2 percent from 1954, and the fifth highest cash return on record. This includes money received from the sale of whole milk and farm-skimmed cream to plants and dealers and from retail sales of milk and cream by farmers dirctly to consumers. Cash receipts from the marketings of milk and cream were up in 35 of the 48 States. Gains over 1954 were registered in all regions, but the increase in the West North Central States was only slight. Cash receipts were up 2 percent in the East North Central, South Central, and Western regions, up 3 percent in the South Atlantic, and up 4 percent in the North Atlantic region. Among the States, Wisconsin led in total cash receipts to farmers from the sale of dairy products with $503 million -- 2 percent above 1954. New York was second with $387 million; California, $313 million; Pennsylvania, $268 million; and Minnesota, $235 million.

Farmers received a cash return of $3,627 million from whole milk sold to plants and dealers in 1955. This was 4 percent more than in 1954 and the third highest cash return from this source on record. Receipts from sales of whole milk represented 86 percent of the total cash return to farmers from all dairy products sold in 1955. Whole milk sold to plants and dealers brought farmers an average price of $4.00 per hundredweight of milk -- 3 cents above 1954. Changes in price per hundredweight by regions were generally small and ranged from a nearly 2 percent gain in the South Central to a slight decline in the South Atlantic States.

Income from cream marketings down

Marketings of farm-skimmed cream declined further in 1955, and the price per pound of fat edged downward. Cash receipts by farmers from cream sold to plants and dealers totaled $321 million -- 7 percent below 1954, and the lowest since 1939. The price received by farmers per pound fat in cream in 1955 was 57.1 cents -- 1.6 cents below the price the previous year, and

the lowest since 1945. Cash receipts from the sale of farm-skimmed cream were higher than in 1954 only in North Dakota. Iowa led in receipts from the the sale of farm-skimmed cream with $81 million, followed by Minnesota with $54 million; North Dakota, $31 million; and Nebraska, $30 million.

The cash receipts from milk retailed by farmers directly to consumers as whole milk or cream in 1955 is estimated at $264 million -- 6 percent below 1954 and the lowest annual return in records dating back through 1924. Leading States in receipts from milk and cream retailed by producers include California with $44.7 million; New York, $15.4 million; and Texas, $12.3 million.

Unit returns about steady

Milk and cream marketed from United States farms in 1955 brought farmers an average return of $3.88 per hundredweight of milk or $1.01 per pound of milkfat. This is 2 cents per hundredweight or 1 cent per pound of milkfat higher than a year earlier. Returns per hundred pounds of milk showed wide variation between States, ranging from a low of $2.35 per hundredweight in North Dakota where much of the milk produced is sold as farm-separated cream, to a high of $6.98 per hundred weight in Florida where most of the milk sold is for fluid consumption.

The value of milk used on farms where produced for consumption in fluid form and for making farm-churned butter in 1955 is estimated at $503 million, 3 percent less than in 1954. The value of farm-used milk was down in all regions, reflecting mainly the decline in volume of milk consumed and butter churned on farms. Leading States in value of milk used on farms were in the South. North Carolina led with $41 million, followed by Texas with $35 million; Alabama, $33 million; Georgia, $28 million; and Mississippi and Tennessee, each $25 million.

Wisconsin leads in value of milk produced

National gross farm income from dairy products in 1955 amounted to $4,715 million. This includes the cash receipts from the marketings of milk and cream plus the value of milk used on farms where produced for fluid consumption of milk and cream and for making farm butter. Gross farm income from milk was nearly 2 percent above a year earlier after declining for two years since the record high was reached in 1952. The 1955 farm value of milk produced, which in addition to gross farm income includes the value of milk fed calves on farms, totaled $4,838 million for the United States. The leading States in value of milk produced were Wisconsin with $536 million; New York, $410 million; California, $327 million; Pennsylvania, $290 million; and Minnesota, $250 million.

UTILIZATION OF MILK

Utilization of the 1955 milk production was fairly evenly divided between manufacturing and fluid uses. Forty-six percent of the milk produced was channeled into factory products, and an additional 3 percent was used for farm-churned butter, bringing the total for manufactured products to 49 percent. Consumption of fluid milk and cream by the nonfarm population

accounted for 39 percent of the milk produced, and farm fluid uses an additional 8 percent, making a total of 47 percent used in fluid form. The other 4 percent went to miscellaneous uses, mainly for feeding calves.

Butter leading factory use

Among the factory dairy products, creamery butter was still the largest outlet for milk. In 1955, creamery butter was the end product for the fat from 28.4 billion pounds of milk. However, almost a billion of that represented recovery of whey fat from milk previously used in cheese making, leaving a net of 27.4 billion pounds used directly for creamery butter, or 22.2 percent of all milk produced. Manufacture of American cheese accounted for 10.0 billion pounds of milk and other cheese 3.4 billion pounds, together making up 10.9 percent of the milk supply. Some 5.5 billion pounds of milk was processed into evaporated milk, 0.8 billion pounds into condensed milks, and 0.8 billion pounds into dry whole milk. These evaporated, condensed, and dry milk products utilized 5.7 percent of the total milk production. Frozen dairy products, mainly ice cream, provided the end use for 9.7 billion pounds of milk. However, deducting the amount first processed into condensed milk or butter used in frozen product mixes leaves a net of 8.2 billion pounds used directly as milk or cream for making frozen products. This was 6.6 percent of all milk produced. Miscellaneous other factory products used a little more than a billion pounds of milk or 0.9 percent of the total. Quantities of milk utilized for each purpose during the 1945-55 period are shown in table 15.

Over the last 3 decades there has been a marked shift in the utilization of the milk supply as shown in table 1. In percent of total milk used, factory products increased from 43 percent in 1925 to 46 percent in 1955, but in the latter year was below the 49 percent in 1940. Within the factory group, however, there have been sharp changes. In the percentage of total milk used, creamery butter decreased by about one-third since 1925, cheese and frozen products about doubled, and condensed and dry milks gained by three-fifths. Nonfarm fluid milk consumption as percent of milk produced was about steady during the first half of the 30-year period, but has gained sharply in the last 15 years . Milk used on farms has represented a steadily decreasing percentage of total production, with farm consumption as fluid milk and cream dropping from 14 to 8 percent, and farm butter from 13 to 3 percent.

Table 1.-Percentage utilization of milk produced, United States, 5-year intervals, 1925-55 1/

Utilization	1925	1930	1935	1940	1945	1950	1955 2/
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Creamery butter, net	31.0	31.8	32.3	33.0	22.6	23.7	22.2
Cheese	5.3	5.0	6.1	7.1	9.2	10.1	10.9
Evap., cond. & dry whole milk	3.6	3.8	4.4	5.5	8.8	6.7	5.7
Frozen dairy products, net	2.9	2.9	2.5	3.4	4.3	5.9	6.6
Other mfg. prod.	.1	.1	--	.1	.8	.6	.9
Total factory products	42.9	43.6	45.3	49.1	45.7	47.0	46.3
Farm butter	13.4	10.4	10.6	7.3	5.6	4.4	2.7
Fluid consumption							
Farm	13.8	12.3	13.5	12.2	10.4	9.6	8.2
Nonfarm	27.3	28.0	26.5	27.0	33.3	35.5	39.0
Other uses	2.6	5.7	4.1	4.4	5.0	3.5	3.8

1/ For data on quantities of milk see Table 15. 2/ Preliminary

Table 2.--Milk cows and production of milk, milkfat, and butter on farms, United States, 1940-55

Year	Number of milk cows on farms 1/	Production of milk and milkfat 2/					Butter churned on farms
		Per milk cow		Percentage of fat in milk	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
1940.....	23,671	4,622	183	3.97	109,412	4,343	402,690
1941.....	24,288	4,738	188	3.97	115,088	4,571	395,476
1942.....	25,027	4,736	188	3.97	118,533	4,704	366,370
1943.....	25,451	4,598	183	3.97	117,017	4,651	341,620
1944.....	25,597	4,572	182	3.98	117,023	4,657	329,848
1945.....	25,033	4,787	190	3.98	119,828	4,764	335,690
1946.....	24,089	4,886	194	3.97	117,697	4,677	330,650
1947.....	23,329	5,007	199	3.97	116,814	4,639	311,050
1948.....	22,336	5,044	200	3.97	112,671	4,478	293,290
1949.....	22,024	5,272	209	3.96	116,103	4,595	275,780
1950.....	21,944	5,314	210	3.96	116,602	4,618	261,520
1951 3/..	21,505	5,333	210	3.93	114,681	4,509	240,380
1952 3/..	21,338	5,374	210	3.90	114,671	4,476	213,520
1953 3/..	21,691	5,542	215	3.87	120,221	4,655	194,770
1954 3/..	21,581	5,657	219	3.86	122,094	4,717	178,990
1955 4/..	21,232	5,815	224	3.86	123,454	4,760	169,060

1/ Average number during year, heifers that have not freshened excluded.
2/ Excludes milk sucked by calves.
3/ Revised.
4/ Preliminary.

Table 3.--Milk used and marketed by farmers, United States, 1940-55

(In millions of pounds)

Year	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers: As whole milk	Sold to plants and dealers: As farm-skimmed cream	Retailed by farmers as milk and cream 1/	Total
1940.....	2,994	12,063	8,129	23,186	47,152	32,965	6,109	86,226
1941.....	3,124	12,020	7,967	23,111	52,062	33,967	5,948	91,977
1942.....	3,294	11,856	7,365	22,515	59,076	31,080	5,862	96,018
1943.....	3,276	11,615	6,860	21,751	59,656	29,871	5,739	95,266
1944.....	3,258	11,688	6,621	21,567	63,680	26,026	5,750	95,456
1945.....	3,290	11,451	6,714	21,455	68,929	23,868	5,576	98,373
1946.....	3,228	11,562	6,557	21,347	69,619	21,379	5,352	96,350
1947.....	3,194	11,048	6,154	20,396	70,559	20,952	4,907	96,418
1948.....	3,064	10,505	5,808	19,377	69,010	19,712	4,572	93,294
1949.....	3,163	10,027	5,440	18,630	73,290	19,949	4,234	97,473
1950.....	3,286	9,808	5,160	18,254	74,205	20,208	3,935	98,348
1951 2/..	3,449	9,738	4,746	17,933	74,480	18,530	3,738	96,748
1952 2/..	3,348	9,436	4,215	16,999	77,301	16,853	3,518	97,672
1953 2/..	3,334	8,902	3,876	16,112	84,567	16,334	3,208	104,109
1954 2/..	3,344	8,474	3,562	15,380	87,874	15,910	2,930	106,714
1955 3/..	3,304	8,257	3,365	14,926	90,613	15,180	2,735	108,528

1/ Approximations based on information on sales by producer-distributors and other farmers on own routes or at farm.
2/ Revised.
3/ Preliminary.

Table 4.--Milk and cream marketed by farmers: Quantity, price, and cash receipts, United States, 1940-55

Year	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers		
	Quantity	Price per 100 pounds	Cash receipts	Quantity butterfat	Price per pound fat	Cash receipts	Quantity, milk equiv.	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
1940....	47,152	1.82	858,445	1,247,130	28.0	349,733	2,845	10.3	294,317
1941....	52,062	2.19	1,140,628	1,284,890	34.2	439,769	2,768	10.8	298,754
1942....	59,076	2.58	1,521,246	1,173,950	39.6	464,975	2,728	11.8	322,015
1943....	59,656	3.12	1,859,540	1,127,200	49.9	562,028	2,669	12.7	340,266
1944....	63,680	3.21	2,044,059	983,370	50.3	494,795	2,676	13.2	353,802
1945....	68,929	3.19	2,195,915	903,020	50.3	453,942	2,595	13.4	347,408
1946....	69,619	3.99	2,780,034	806,070	64.3	518,133	2,493	15.2	379,580
1947....	70,559	4.27	3,014,759	791,730	71.8	568,620	2,285	17.5	399,022
1948....	69,010	4.88	3,364,385	744,220	79.9	594,475	2,130	18.8	401,291
1949....	73,290	3.95	2,895,535	752,830	61.6	463,965	1,971	18.6	365,717
1950....	74,205	3.89	2,886,496	762,030	62.0	472,226	1,832	18.5	339,372
1951 1/.	74,480	4.58	3,412,603	696,930	71.2	496,096	1,736	19.9	345,799
1952 1/.	77,301	4.85	3,752,084	632,900	75.0	474,797	1,638	20.8	340,241
1953 1/.	84,567	4.32	3,650,749	605,520	66.5	402,826	1,496	20.9	312,255
1954 1/.	87,874	3.97	3,487,085	589,700	58.7	346,355	1,365	20.6	280,666
1955 2/.	90,613	4.00	3,626,848	562,220	57.1	321,197	1,274	20.7	264,308

1/ Revised.
2/ Preliminary.

Table 5.--Farm marketings, income, and value of dairy products, United States, 1940-55

Year	Combined marketings of milk and cream 1/				Used for farm consumption and farm butter on farms where produced 3/		Gross farm income from dairy products 5/	Farm value of milk produced 6/
	Milk utilized	Average returns 2/		Cash receipts from marketings	Milk utilized	Value 4/		
		Per 100 pounds milk	Per pound milkfat					
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.
1940....	87,667	1.74	.44	1,521,352	18,751	358,885	1,880,237	1,930,935
1941....	93,357	2.04	.51	1,899,836	18,607	404,088	2,303,924	2,364,931
1942....	97,256	2.40	.60	2,329,751	17,983	459,952	2,789,703	2,867,340
1943....	96,349	2.89	.73	2,785,193	17,392	543,723	3,328,916	3,464,864
1944....	96,493	3.02	.76	2,915,119	17,272	556,697	3,471,816	3,567,852
1945....	99,442	3.04	.76	3,021,266	17,096	554,095	3,575,361	3,673,034
1946....	97,421	3.81	.96	3,708,992	17,048	683,667	4,392,659	4,512,653
1947....	97,365	4.12	1.04	4,012,554	16,255	725,608	4,738,162	4,866,495
1948....	94,165	4.66	1.17	4,389,357	15,442	766,101	5,155,458	5,295,194
1949....	98,263	3.81	.96	3,748,325	14,677	621,225	4,369,550	4,488,255
1950....	99,066	3.75	.95	3,718,685	14,250	593,644	4,312,329	4,431,995
1951 7/.	96,748	4.40	1.12	4,254,498	14,484	707,064	4,961,562	5,108,110
1952 7/.	97,672	4.68	1.20	4,567,122	13,651	706,473	5,273,595	5,425,543
1953 7/.	104,109	4.19	1.08	4,365,830	12,778	599,755	4,965,585	5,101,819
1954 7/.	106,714	3.86	1.00	4,114,106	12,036	518,103	4,632,209	4,757,279
1955 8/.	108,528	3.88	1.01	4,212,353	11,622	502,669	4,715,022	4,838,248

1/ For 1950 and earlier years includes also farm-churned butter sold. In 1950 receipts from farm-churned butter totaled 20,591 thousand dollars, about one-half of 1 percent of cash receipts from combined sales of milk, cream, and farm butter. Data on receipts from farm butter sold 1940-50 are included in table 3 of "Farm Production, Disposition, and Income From Milk, 1950-51".
2/ Cash receipts divided by milk or milkfat represented in combined marketings.
3/ For 1950 and earlier years excludes milk equivalent of farm butter sold.
4/ Computed at average returns per 100 pounds for milk in products marketed.
5/ Cash receipts from marketings of milk and cream plus value of milk used for farm consumption and farm butter churned.
6/ Milk produced on farms valued at average returns per 100 pounds for milk in products marketed. Includes value of milk fed to calves in addition to gross farm income.
7/ Revised. 8/ Preliminary.

Table 6.--Milk cows and production of milk, milkfat, and butter on farms, by States, 1955 1/

State and division	Number of milk cows on farms 2/	Production of milk and milkfat 3/					Butter churned on farms
		Per milk cow		Percentage of fat in milk	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.
Me.	113	6,090	250	4.10	688	28	2,100
N. H.	63	6,200	239	3.85	391	15	340
Vt.	283	6,100	244	4.0	1,725	69	340
Mass.	117	7,040	268	3.8	824	31	150
R. I.	18	7,690	296	3.85	138	5	10
Conn.	109	6,860	257	3.75	748	28	170
N. Y.	1,378	7,130	257	3.61	9,825	355	1,750
N. J.	151	7,800	292	3.75	1,178	44	140
Pa.	940	6,770	257	3.8	6,364	242	2,900
N. Atl.	3,172	6,898	258	3.73	21,882	817	7,900
Ohio	853	6,800	265	3.9	5,800	226	2,600
Ind.	593	6,600	264	4.0	3,914	157	1,400
Ill.	790	6,450	242	3.75	5,096	191	2,000
Mich.	822	6,710	252	3.75	5,516	207	1,600
Wis.	2,311	7,160	261	3.65	16,547	604	420
E. N. Cent.	5,369	6,868	258	3.76	36,873	1,385	8,020
Minn.	1,386	6,380	226	3.55	8,843	314	700
Iowa	1,022	5,800	218	3.75	5,928	222	1,750
Mo.	874	4,730	196	4.15	4,134	172	6,100
N. Dak.	370	4,940	185	3.75	1,828	69	3,400
S. Dak.	302	4,530	165	3.65	1,368	50	2,000
Nebr.	428	5,370	201	3.75	2,298	86	3,000
Kans.	473	5,030	194	3.85	2,379	92	2,450
W. N. Cent.	4,855	5,516	207	3.75	26,778	1,005	19,400
Del.	35	5,700	217	3.8	200	8	70
Md.	238	6,260	238	3.8	1,490	57	650
Va.	398	5,000	205	4.10	1,990	82	9,500
W. Va.	190	4,350	181	4.15	826	34	5,600
N. C.	358	4,700	202	4.3	1,683	72	16,000
S. C.	152	3,930	169	4.3	597	26	5,400
Ga.	316	3,720	160	4.3	1,176	51	11,600
Fla.	178	4,900	206	4.2	872	37	920
S. Atl.	1,865	4,737	197	4.15	8,834	367	49,740
Ky.	587	4,220	181	4.3	2,477	107	8,400
Tenn.	634	3,780	166	4.40	2,397	105	12,500
Ala.	353	3,430	151	4.40	1,211	53	16,400
Miss.	522	2,880	127	4.40	1,503	66	12,700
Ark.	352	3,510	153	4.35	1,236	54	8,600
La.	304	2,670	116	4.35	812	35	2,800
Okla.	412	4,200	170	4.05	1,730	70	4,600
Tex.	774	3,800	158	4.15	2,941	122	10,200
S. Cent.	3,938	3,633	155	4.28	14,307	612	76,200
Mont.	99	5,240	199	3.8	519	20	1,150
Idaho	220	6,890	265	3.85	1,516	58	600
Wyo.	41	5,170	189	3.65	212	8	460
Colo.	154	5,900	218	3.70	909	34	950
N. Mex.	47	4,600	182	3.95	216	9	460
Ariz.	47	7,500	278	3.7	352	13	140
Utah	101	6,900	252	3.65	697	25	390
Nev.	14	6,240	225	3.6	87	3	100
Wash.	263	6,950	288	4.15	1,828	76	1,450
Oreg.	200	6,010	264	4.40	1,202	53	1,000
Calif.	847	8,550	325	3.8	7,242	275	1,100
West	2,033	7,270	282	3.88	14,780	574	7,800
U. S.	21,232	5,815	224	3.86	123,454	4,760	169,060

1/ Preliminary.
2/ Average number during year, heifers that have not freshened excluded.
3/ Excludes milk sucked by calves.

Table 7.-Milk used and marketed by farmers, by States, 1955 1/
[In millions of pounds]

State and division	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers		Retailed by farmers as milk and cream 2/	Total
					As whole milk	As farm-skimmed cream		
Me.	12	46	43	101	525	4	58	587
N. H.	7	17	7	31	328	-	32	360
Vt.	33	49	7	89	1,605	3	29	1,637
Mass.	12	24	3	39	700	-	85	785
R. I.	2	3	-	5	120	-	13	133
Conn.	14	23	4	41	651	-	56	707
N. Y.	236	266	40	542	9,060	52	171	9,283
N. J.	18	31	3	52	1,050	-	76	1,126
Pa.	127	288	64	479	5,650	130	105	5,885
N. Atl.	461	747	171	1,379	19,589	189	625	20,503
Ohio	145	325	53	523	5,000	230	47	5,277
Ind.	82	217	29	328	3,240	323	23	3,586
Ill.	117	296	44	457	4,120	450	69	4,639
Mich.	199	277	35	511	4,440	530	35	5,005
Wis.	629	406	9	1,044	15,330	138	35	15,503
E. N. Cent.	1,172	1,521	170	2,863	32,130	1,671	209	34,010
Minn.	221	309	16	546	5,790	2,475	32	8,297
Iowa	184	372	40	596	1,730	3,557	45	5,332
Mo.	103	376	122	601	2,910	563	60	3,533
N. Dak.	64	119	77	260	130	1,420	18	1,568
S. Dak.	48	117	46	211	180	960	17	1,157
Nebr.	78	178	68	324	460	1,480	34	1,974
Kans.	100	212	54	366	1,170	780	63	2,013
W. N. Cent.	798	1,683	423	2,904	12,370	11,235	269	23,874
Del.	3	9	2	14	180	-	6	186
Md.	24	60	14	98	1,340	5	47	1,392
Va.	64	268	190	522	1,270	138	60	1,468
W. Va.	28	180	112	320	350	91	65	506
N. C.	32	388	306	726	850	8	99	957
S. C.	10	128	103	241	325	1	30	356
Ga.	19	221	222	462	640	2	72	714
Fla.	7	30	18	55	760	-	57	817
S. Atl.	187	1,284	967	2,438	5,715	245	436	6,396
Ky.	50	374	164	588	1,500	300	89	1,889
Tenn.	41	394	239	674	1,620	50	53	1,723
Ala.	19	288	313	620	530	8	53	591
Miss.	23	303	243	569	870	11	53	934
Ark.	16	221	164	401	655	125	55	835
La.	10	158	53	221	560	1	30	591
Okla.	52	233	94	379	830	460	61	1,351
Tex.	47	403	199	649	2,100	70	122	2,292
S. Cent.	258	2,374	1,469	4,101	8,665	1,025	516	10,206
Mont.	19	53	25	97	220	182	20	422
Idaho	52	80	13	145	1,275	73	23	1,371
Wyo.	7	25	10	42	106	58	6	170
Colo.	38	73	21	132	550	200	27	777
N. Mex.	7	32	10	49	135	10	22	167
Ariz.	9	16	3	28	300	1	23	324
Utah	22	39	9	70	600	20	7	627
Nev.	3	4	2	9	63	12	3	78
Wash.	66	105	29	200	1,470	105	53	1,628
Oreg.	46	99	19	164	885	110	43	1,038
Calif.	159	122	24	305	6,440	44	453	6,937
West	428	648	165	1,241	12,044	815	680	13,539
U. S.	3,304	8,257	3,365	14,926	90,613	15,180	2,735	108,528

1/ Preliminary.
2/ Approximations based on information on sales by producer-distributors and other farmers on own routes or at farm.

Table 8.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1955 1/

State and division	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers		
	Quantity	Price per 100 lb.	Cash receipts	Quantity butter-fat	Price per lb. fat	Cash receipts	Quantity, milk equiv.	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
Me.	525	5.12	26,880	160	63	101	27	21.8	5,886
N. H.	328	5.27	17,286	-	-	-	15	23.0	3,450
Vt.	1,605	4.57	73,348	120	63	76	13	20.3	2,639
Mass.	700	5.63	39,410	-	-	-	40	23.4	9,360
R. I.	120	6.23	7,476	-	-	-	6	24.0	1,440
Conn.	651	5.85	38,084	-	-	-	26	24.2	6,292
N. Y.	9,060	4.09	370,554	1,880	48	902	80	19.3	15,440
N. J.	1,050	5.12	53,760	-	-	-	35	23.5	8,225
Pa.	5,650	4.51	254,815	4,840	48	2,323	49	21.5	10,535
N. Atl.	19,689	4.48	881,613	7,000	48.6	3,402	291	21.7	63,267
Ohio	5,000	3.94	197,000	8,990	47	4,225	22	20.5	4,510
Ind.	3,240	3.73	120,852	12,630	50	6,315	11	20.3	2,233
Ill.	4,120	3.50	144,200	16,740	48	8,035	32	18.4	5,888
Mich.	4,440	3.77	167,388	19,930	60	11,958	16	19.1	3,056
Wis.	15,330	3.24	496,692	50,090	62	3,156	16	18.9	3,024
E.N.Cent.	32,130	3.50	1,126,132	63,380	53.2	33,689	97	19.3	18,711
Minn.	5,790	3.08	178,332	86,620	62	53,704	15	17.8	2,670
Iowa	1,730	3.42	59,166	131,250	62	81,375	21	18.8	3,948
Mo.	2,910	3.72	108,252	22,800	49	11,172	28	17.5	4,900
N. Dak.	130	3.75	4,875	51,830	59	30,580	8	18.1	1,448
S. Dak.	180	3.94	7,092	33,790	57	19,260	8	18.5	1,480
Nebr.	460	4.02	18,492	53,580	56	30,005	16	19.3	3,088
Kans.	1,170	3.77	44,109	29,020	52	15,090	29	19.0	5,510
W.N.Cent.	12,370	3.40	420,318	408,890	59.0	241,186	125	18.4	23,044
Del.	180	4.53	8,154	-	-	-	3	21.5	645
Md.	1,340	4.68	62,712	190	47	89	22	21.8	4,796
Va.	1,270	4.94	62,738	5,590	46	2,571	28	21.6	6,048
W. Va.	350	4.49	15,715	3,660	47	1,720	30	20.2	6,060
N. C.	850	5.46	46,410	340	48	163	46	21.7	9,982
S. C.	325	5.56	18,070	40	52	21	14	21.2	2,968
Ga.	640	5.75	36,800	80	52	42	33	23.1	7,623
Fla.	760	6.69	50,844	-	-	-	27	23.0	6,210
S. Atl.	5,715	5.27	301,443	9,900	46.5	4,606	203	21.8	44,332
Ky.	1,500	3.74	56,100	12,360	44	5,438	41	18.6	7,626
Tenn.	1,620	3.86	62,532	2,100	48	1,008	25	18.7	4,675
Ala.	530	5.11	27,083	340	52	177	25	19.8	4,950
Miss.	870	4.34	37,758	460	46	212	25	20.4	5,100
Ark.	655	4.12	26,986	5,250	49	2,572	26	18.3	4,758
La.	560	5.64	31,584	40	52	21	14	22.8	3,192
Okla.	830	4.39	36,437	18,400	52	9,568	28	20.0	5,600
Tex.	2,100	5.63	118,230	2,900	49	1,421	57	21.5	12,255
S. Cent.	8,665	4.58	396,710	41,850	48.8	20,417	241	20.0	48,156
Mont.	220	4.35	9,570	6,770	58	3,927	9	20.9	1,881
Idaho	1,275	3.34	42,585	2,740	55	1,507	11	19.1	2,101
Wyo.	106	3.93	4,166	2,100	58	1,218	3	19.9	597
Colo.	550	4.63	25,465	7,240	57	4,127	13	23.0	2,990
N. Mex.	135	5.47	7,384	390	56	218	10	22.3	2,230
Ariz.	300	5.32	15,960	40	57	23	11	19.8	2,178
Utah	600	4.05	24,300	740	56	414	3	17.2	516
Nev.	63	4.85	3,056	430	60	258	1	19.3	193
Wash.	1,470	4.22	62,034	4,280	55	2,354	25	21.2	5,300
Oreg.	885	4.39	38,852	4,760	59	2,808	20	20.4	4,080
Calif.	6,440	4.15	267,260	1,710	61	1,043	211	21.2	44,732
West	12,044	4.16	500,632	31,200	57.4	17,897	317	21.1	66,798
U. S.	90,613	4.00	3,626,848	562,220	57.1	321,197	1,274	20.7	264,308

1/ Preliminary.

Table 9.--Farm marketings, income, and value of dairy products, by States, 1955 1/

State and division	Combined marketings of milk and cream				Used for farm consumption and farm butter on farms where produced		Gross farm income from dairy products 4/	Farm value of milk produced 5/
	Milk utilized	Average returns 2/		Cash receipts from marketings	Milk utilized	Value 3/		
		Per 100 pounds milk	Per pound milkfat					
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.
Me.	587	5.60	1.37	32,867	89	4,984	37,851	38,528
N. H.	360	5.76	1.50	20,736	24	1,382	22,118	22,522
Vt.	1,637	4.65	1.16	76,063	56	2,604	78,667	80,259
Mass.	785	6.21	1.63	48,770	27	1,677	50,447	51,170
R. I.	133	6.70	1.74	8,916	3	201	9,117	9,246
Conn.	707	6.28	1.67	44,376	27	1,696	46,072	46,974
N. Y.	9,283	4.17	1.16	386,896	306	12,760	399,656	409,702
N. J.	1,126	5.50	1.47	61,985	34	1,870	63,855	64,790
Pa.	5,885	4.55	1.20	267,673	352	16,016	283,689	289,562
N. Atl.	20,503	4.63	1.24	948,282	918	43,190	991,472	1,012,753
Ohio	5,277	3.90	1.00	205,735	378	14,742	220,477	226,200
Ind.	3,586	3.61	.90	129,400	246	8,881	138,281	141,295
Ill.	4,639	3.41	.91	158,123	340	11,594	169,717	173,774
Mich.	5,005	3.64	.97	182,402	312	11,357	193,759	200,782
Wis.	15,503	3.24	.89	502,872	415	13,446	516,318	536,123
E. N. Cent.	34,010	3.47	.92	1,178,532	1,691	60,020	1,238,552	1,278,174
Minn.	8,297	2.83	.80	234,706	325	9,198	243,904	250,257
Iowa	5,332	2.71	.72	144,489	412	11,165	155,654	160,649
Mo.	3,533	3.52	.85	124,324	498	17,530	141,854	145,517
N. Dak.	1,568	2.35	.63	36,903	196	4,606	41,509	42,958
S. Dak.	1,157	2.41	.66	27,832	163	3,928	31,760	32,969
Nebr.	1,974	2.61	.70	51,585	246	6,421	58,006	59,978
Kans.	2,013	3.21	.83	64,709	266	8,539	73,248	76,366
W. N. Cent.	23,874	2.87	.77	684,548	2,106	61,387	745,935	768,694
Del.	186	4.73	1.24	8,799	11	520	9,319	9,460
Md.	1,392	4.86	1.28	67,597	74	3,596	71,193	72,414
Va.	1,468	4.86	1.19	71,357	458	22,259	93,616	96,714
W. Va.	506	4.64	1.12	23,495	292	13,549	37,044	38,326
N. C.	957	5.91	1.37	56,555	694	41,015	97,570	99,465
S. C.	356	5.92	1.38	21,059	231	13,675	34,734	35,342
Ga.	714	6.23	1.45	44,465	443	27,599	72,064	73,265
Fla.	817	6.98	1.66	57,054	48	3,350	60,404	60,866
S. Atl.	6,396	5.48	1.32	350,381	2,251	125,563	475,944	485,852
Ky.	1,889	3.66	.85	69,164	538	19,691	88,855	90,658
Tenn.	1,723	3.96	.90	68,215	633	25,067	93,282	94,921
Ala.	591	5.45	1.24	32,210	601	32,754	64,964	66,000
Miss.	934	4.61	1.05	43,070	546	25,171	68,241	69,288
Ark.	835	4.11	.94	34,316	385	15,824	50,140	50,800
La.	591	5.89	1.35	34,797	211	12,428	47,225	47,827
Okla.	1,351	3.82	.94	51,605	327	12,491	64,096	66,086
Tex.	2,292	5.76	1.39	131,906	602	34,675	166,581	169,402
S. Cent.	10,206	4.56	1.07	465,283	3,843	178,101	643,384	654,982
Mont.	422	3.64	.96	15,378	78	2,839	18,217	18,892
Idaho	1,371	3.37	.88	46,193	93	3,134	49,327	51,089
Wyo.	170	3.52	.96	5,981	35	1,232	7,213	7,462
Colo.	777	4.19	1.13	32,582	94	3,939	36,521	38,087
N. Mex.	167	5.89	1.49	9,832	42	2,474	12,306	12,722
Ariz.	324	5.61	1.52	18,161	19	1,066	19,227	19,747
Utah	627	4.02	1.10	25,230	48	1,930	27,160	28,019
Nev.	78	4.50	1.25	3,507	6	270	3,777	3,915
Wash.	1,628	4.28	1.03	69,688	134	5,735	75,423	78,238
Oreg.	1,038	4.41	1.00	45,740	118	5,204	50,944	53,008
Calif.	6,937	4.51	1.19	313,035	146	6,585	319,620	326,614
West	13,539	4.32	1.11	585,327	813	34,408	619,735	637,793
U. S.	108,528	3.88	1.01	4,212,353	11,622	502,669	4,715,022	4,838,248

1/ Preliminary.
2/ Cash receipts divided by milk or milkfat represented in combined marketings.
3/ Computed at average returns per 100 pounds for milk in products marketed.
4/ Cash receipts from marketings of milk and cream plus value of milk used for farm consumption and farm butter churned.
5/ Milk produced on farms valued at average returns per 100 pounds for milk in products marketed. Includes value of milk fed to calves in addition to gross farm income.

Table 10.--Milk cows and production of milk, milkfat, and butter on farms, by States, 1954 1/

State and division	Number of milk cows on farms 2/	Production of milk and milkfat 3/					Butter churned on farms
		Per milk cow		Percentage of fat in milk	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.
Me.	114	6,000	249	4.15	684	28	2,100
N. H.	62	6,120	236	3.85	379	15	350
Vt.	279	6,000	240	4.0	1,674	67	370
Mass.	119	6,830	260	3.8	813	31	200
R. I.	19	7,650	295	3.85	145	6	10
Conn.	109	6,750	253	3.75	736	28	180
N. Y.	1,356	6,930	252	3.63	9,466	344	1,950
N. J.	153	7,680	288	3.75	1,175	44	140
Pa.	930	6,520	248	3.8	6,064	230	3,200
N. Atl.	3,151	6,708	252	3.75	21,136	793	8,500
Ohio	876	6,480	253	3.9	5,676	221	2,600
Ind.	621	6,430	257	4.0	3,993	160	1,400
Ill.	824	6,300	236	3.75	5,191	195	2,000
Mich.	833	6,510	247	3.8	5,423	206	1,700
Wis.	2,292	7,100	259	3.65	16,273	594	420
E. N. Cent.	5,446	6,712	253	3.76	36,556	1,376	8,120
Minn.	1,394	6,180	219	3.55	8,615	306	800
Iowa	1,055	5,690	213	3.75	6,003	225	2,000
Mo.	896	4,600	191	4.15	4,122	171	6,000
N. Dak.	372	4,800	180	3.75	1,786	67	3,400
S. Dak.	309	4,400	161	3.65	1,360	50	1,900
Nebr.	438	5,280	198	3.75	2,313	87	3,300
Kans.	493	5,000	192	3.85	2,465	95	2,500
W. N. Cent.	4,957	5,379	202	3.75	26,664	1,001	19,900
Del.	36	5,600	213	3.8	202	8	80
Md.	240	6,000	228	3.8	1,440	55	700
Va.	418	4,790	199	4.15	2,002	83	10,000
W. Va.	194	4,200	174	4.15	815	34	5,500
N. C.	370	4,520	194	4.3	1,672	72	16,800
S. C.	155	3,820	164	4.3	592	25	5,700
Ga.	324	3,600	155	4.3	1,166	50	13,000
Fla.	174	4,600	193	4.2	800	34	950
S. Atl.	1,911	4,547	189	4.15	8,689	361	52,730
Ky.	596	4,100	176	4.3	2,444	105	8,700
Tenn.	653	3,700	163	4.40	2,416	106	13,500
Ala.	372	3,260	143	4.40	1,213	53	18,000
Miss.	522	2,800	123	4.40	1,462	64	13,000
Ark.	377	3,370	148	4.4	1,270	56	9,500
La.	310	2,600	113	4.35	806	35	2,700
Okla.	442	3,990	162	4.05	1,764	71	4,800
Tex.	812	3,750	156	4.15	3,045	126	11,000
S. Cent.	4,084	3,531	151	4.27	14,420	616	81,200
Mont.	103	5,240	199	3.8	540	21	1,300
Idaho	219	6,980	269	3.85	1,529	59	650
Wyo.	42	5,330	195	3.65	224	8	500
Colo.	160	5,750	213	3.70	920	34	1,000
N. Mex.	48	4,550	180	3.95	218	9	500
Ariz.	47	7,400	274	3.7	348	13	180
Utah	102	6,910	256	3.7	705	26	400
Nev.	14	6,200	223	3.6	87	3	110
Wash.	258	7,030	295	4.2	1,814	76	1,600
Oreg.	205	6,040	269	4.45	1,238	55	1,200
Calif.	834	8,400	319	3.8	7,006	266	1,100
West	2,032	7,199	281	3.90	14,629	570	8,540
U. S.	21,581	5,657	219	3.86	122,094	4,717	178,990

1/ Revised.
2/ Average number during year, heifers that have not freshened excluded.
3/ Excludes milk sucked by calves.

Table 11.--Milk used and marketed by farmers, by States, 1954 1/

/In millions of pounds/

State and division	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers: As whole milk	Sold to plants and dealers: As farm-skimmed cream	Retailed by farmers as milk and cream 2/	Total
Me.	12	49	43	104	515	4	61	580
N. H.	6	17	7	30	315	-	34	349
Vt.	34	48	8	90	1,550	3	31	1,584
Mass.	13	26	4	43	680	-	90	770
R. I.	3	3	-	6	124	-	15	139
Conn.	15	24	4	43	637	-	56	693
N. Y.	237	271	44	552	8,680	56	178	8,914
N. J.	19	31	3	53	1,035	-	87	1,122
Pa.	135	300	71	506	5,290	140	128	5,558
N. Atl.	474	769	184	1,427	18,826	203	680	19,709
Ohio	153	342	53	548	4,810	260	58	5,128
Ind.	83	229	29	341	3,270	357	25	3,652
Ill.	115	302	44	461	4,170	480	80	4,730
Mich.	197	280	38	515	4,300	570	38	4,908
Wis.	629	399	9	1,037	15,040	156	40	15,236
E. N. Cent.	1,177	1,552	173	2,902	31,590	1,823	241	33,654
Minn.	215	312	19	546	5,410	2,624	35	8,069
Iowa	177	388	45	610	1,530	3,713	50	5,393
Mo.	111	388	120	619	2,870	566	67	3,503
N. Dak.	66	128	77	271	125	1,370	20	1,515
S. Dak.	49	116	44	209	170	961	20	1,151
Nebr.	77	177	75	329	440	1,504	40	1,984
Kans.	106	226	55	387	1,140	870	68	2,078
W. N. Cent.	801	1,735	435	2,971	11,785	11,608	300	23,693
Del.	4	10	2	16	179	-	7	186
Md.	25	64	15	104	1,280	8	48	1,336
Va.	67	275	200	542	1,250	147	63	1,460
W. Va.	29	178	110	317	330	98	70	498
N. C.	32	384	321	737	825	10	100	935
S. C.	9	130	109	248	310	2	32	344
Ga.	21	220	248	489	600	2	75	677
Fla.	5	31	19	55	685	-	60	745
S. Atl.	192	1,292	1,024	2,508	5,459	267	455	6,181
Ky.	53	385	170	608	1,430	306	100	1,836
Tenn.	43	402	258	703	1,600	53	60	1,713
Ala.	23	286	344	653	490	10	60	560
Miss.	24	289	248	561	830	14	57	901
Ark.	19	240	181	440	630	140	60	830
La.	10	177	52	239	530	2	35	567
Okla.	53	237	98	388	810	500	66	1,376
Tex.	57	446	214	717	2,090	88	150	2,328
S. Cent.	282	2,462	1,565	4,309	8,410	1,113	588	10,111
Mont.	21	55	29	105	220	193	22	435
Idaho	50	82	14	146	1,270	87	26	1,383
Wyo.	8	28	11	47	108	61	8	177
Colo.	37	74	23	134	540	216	30	786
N. Mex.	6	34	10	50	130	15	23	168
Ariz.	8	18	4	30	290	1	27	318
Utah	19	37	9	65	610	22	8	640
Nev.	3	4	2	9	61	14	3	78
Wash.	65	111	32	208	1,440	110	56	1,606
Oreg.	47	100	23	170	895	130	43	1,068
Calif.	154	121	24	299	6,240	47	420	6,707
West	418	664	181	1,263	11,804	896	666	13,366
U. S.	3,344	8,474	3,562	15,380	87,874	15,910	2,930	106,714

1/ Revised.

2/ Approximations based on information on sales by producer-distributors and other farmers on own routes or at farm.

Table 12.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1954 1/

State and division	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers		
	Quantity	Price per 100 lb.	Cash receipts	Quantity butter-fat	Price per lb. fat	Cash receipts	Quantity, milk equiv.	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
Me.	515	5.01	25,802	160	63	101	28	21.5	6,020
N. H.	315	5.08	16,002	-	-	-	16	22.0	3,520
Vt.	1,550	4.43	68,665	120	63	76	14	20.0	2,800
Mass.	680	5.38	36,584	-	-	-	42	22.8	9,576
R. I.	124	6.24	7,738	-	-	-	7	23.5	1,645
Conn.	637	5.73	36,500	-	-	-	26	23.4	6,084
N. Y.	8,680	4.09	355,012	2,030	51	1,035	83	18.9	15,687
N. J.	1,035	5.23	54,130	-	-	-	40	23.8	9,520
Pa.	5,290	4.53	239,637	5,210	50	2,605	60	21.9	13,140
N. Atl.	18,826	4.46	840,070	7,520	50.8	3,817	316	21.5	67,992
Ohio	4,810	3.87	186,147	10,170	50	5,085	27	20.1	5,427
Ind.	3,270	3.66	119,682	13,960	52	7,259	12	19.5	2,340
Ill.	4,170	3.42	142,614	17,860	53	9,466	37	18.0	6,660
Mich.	4,300	3.67	157,810	21,430	62	13,287	18	18.9	3,402
Wis.	15,040	3.22	484,288	5,760	64	3,686	19	18.8	3,572
E.N.Cent.	31,590	3.45	1,090,541	69,180	56.1	38,783	113	18.9	21,401
Minn.	5,410	3.12	168,792	91,840	65	59,696	16	17.7	2,832
Iowa	1,630	3.47	56,561	137,010	64	87,686	23	18.8	4,324
Mo.	2,870	3.60	103,320	22,920	50	11,460	31	17.8	5,518
N. Dak.	125	3.76	4,700	50,000	61	30,500	9	17.8	1,602
S. Dak.	170	3.90	6,630	33,830	58	19,621	9	18.2	1,638
Nebr.	440	4.04	17,776	54,440	56	30,486	19	18.9	3,591
Kans.	1,140	3.72	42,408	32,360	52	16,827	32	18.5	5,920
W.N.Cent.	11,785	3.40	400,187	422,400	60.7	256,276	139	18.3	25,425
Del.	179	4.62	8,270	-	-	-	3	21.6	648
Md.	1,280	4.76	60,928	300	49	147	22	21.9	4,818
Va.	1,250	4.94	61,750	5,950	44	2,618	29	21.6	6,264
W. Va.	330	4.42	14,586	3,940	48	1,891	33	20.4	6,732
N. C.	825	5.34	44,055	420	50	210	47	21.6	10,152
S. C.	310	5.51	17,081	80	54	43	15	21.2	3,180
Ga.	600	5.80	34,800	80	53	42	35	22.5	7,875
Fla.	685	6.80	46,580	-	-	-	28	23.2	6,496
S. Atl.	5,459	5.28	288,050	10,770	46.0	4,951	212	21.8	46,165
Ky.	1,430	3.74	53,482	12,610	46	5,801	47	18.2	8,554
Tenn.	1,600	3.78	60,480	2,230	49	1,093	28	18.5	5,180
Ala.	490	5.01	24,549	420	52	218	28	20.2	5,656
Miss.	830	4.26	35,358	590	46	271	27	20.0	5,400
Ark.	630	4.06	25,578	5,880	51	2,999	28	18.1	5,068
La.	530	5.67	30,051	80	53	42	16	22.2	3,552
Okla.	810	4.28	34,668	20,000	52	10,400	31	20.0	6,200
Tex.	2,090	5.46	114,114	3,650	50	1,825	70	21.3	14,910
S. Cent.	8,410	4.50	378,280	45,460	49.8	22,649	275	19.8	54,520
Mont.	220	4.20	9,240	7,180	58	4,164	10	20.7	2,070
Idaho	1,270	3.34	42,418	3,270	56	1,831	12	18.9	2,268
Wyo.	108	3.92	4,234	2,210	58	1,282	4	19.4	776
Colo.	540	4.49	24,246	7,820	57	4,457	14	22.6	3,164
N. Mex.	130	5.41	7,033	590	55	324	11	20.7	2,277
Ariz.	290	5.35	15,515	40	61	24	13	20.6	2,678
Utah	610	3.73	22,753	820	57	467	4	17.9	716
Nev.	61	4.84	2,952	500	62	310	1	20.0	200
Wash.	1,440	4.26	61,344	4,490	56	2,514	26	20.9	5,434
Oreg.	895	4.68	41,886	5,630	60	3,378	20	21.2	4,240
Calif.	6,240	4.14	258,336	1,820	62	1,128	195	21.2	41,340
West.	11,804	4.15	489,957	34,370	57.8	19,879	310	21.0	65,163
U. S.	87,874	3.97	3,487,085	589,700	58.7	346,355	1,365	20.6	280,666

1/ Revised.

Table 13.-Farm marketings, income, and value of dairy products, by States, 1954 1/

State and division	Combined marketings of milk and cream				Used for farm consumption and farm butter on farms where produced		Gross farm income from dairy products 4/	Farm value of milk produced 5/
	Milk utilized	Average returns 2/		Cash receipts from marketings	Milk utilized	Value 3/		
		Per 100 pounds milk	Per pound milkfat					
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.
Me.	580	5.50	1.33	31,923	92	5,060	36,983	37,620
N. H.	349	5.59	1.45	19,522	24	1,342	20,864	21,186
Vt.	1,584	4.52	1.13	71,541	56	2,531	74,072	75,665
Mass.	770	5.99	1.58	46,160	30	1,797	47,957	48,699
R. I.	139	6.75	1.75	9,383	3	202	9,585	9,788
Conn.	693	6.14	1.64	42,584	28	1,719	44,303	45,190
N. Y.	8,914	4.17	1.15	371,734	315	13,136	384,870	394,732
N. J.	1,122	5.67	1.51	63,550	34	1,928	65,578	66,622
Pa.	5,558	4.59	1.21	255,382	371	17,029	272,411	278,338
N. Atl. ...	19,709	4.63	1.23	911,879	953	44,744	956,623	977,840
Ohio.....	5,128	3.84	.98	196,659	395	15,168	211,827	217,958
Ind.	3,652	3.54	.88	129,281	258	9,133	138,414	141,352
Ill.	4,730	3.36	.90	158,740	346	11,626	170,366	174,418
Mich.	4,908	3.56	.94	174,499	318	11,321	185,820	193,059
Wis.	15,236	3.23	.88	491,546	408	13,178	504,724	525,618
E. N. Cent.	33,654	3.42	.91	1,150,725	1,725	60,426	1,211,151	1,252,405
Minn.	8,069	2.87	.81	231,370	331	9,500	240,820	247,250
Iowa.....	5,393	2.75	.73	148,571	433	11,908	160,479	165,082
Mo.	3,503	3.43	83	120,298	508	17,424	137,722	141,385
N. Dak.	1,515	2.43	65	36,802	205	4,982	41,784	43,400
S. Dak.	1,151	2.42	.66	27,889	160	3,872	31,761	32,912
Nebr.	1,984	2.61	.70	51,853	252	6,577	58,430	60,369
Kans.	2,078	3.14	.82	65,155	281	8,823	73,978	77,401
W. N. Cent.	23,693	2.88	.77	681,888	2,170	63,086	744,974	767,799
Del.	186	4.79	1.28	8,918	12	575	9,493	9,676
Md.	1,336	4.93	1.30	65,893	79	3,895	69,788	70,992
Va.	1,460	4.84	1.17	70,632	475	22,990	93,622	96,897
W. Va.	498	4.66	1.12	23,209	288	13,421	36,630	37,979
N. C.	935	5.82	1.35	54,417	705	41,031	95,448	97,310
S. C.	344	5.90	1.37	20,304	239	14,101	34,405	34,928
Ga.	677	6.31	1.47	42,717	468	29,531	72,248	73,575
Fla.	745	7.12	1.70	53,076	50	3,560	56,636	56,960
S. Atl. ...	6,181	5.49	1.32	339,166	2,316	129,104	468,270	478,317
Ky.	1,836	3.69	.86	67,837	555	20,480	88,317	90,184
Tenn.	1,713	3.90	.89	66,753	660	25,740	92,493	94,224
Ala.	560	5.43	1.23	30,423	630	34,209	64,632	65,866
Miss.	901	4.55	1.03	41,029	537	24,434	65,463	66,521
Ark.	830	4.05	.92	33,645	421	17,050	50,695	51,435
La.	567	5.93	1.36	33,645	229	13,580	47,225	47,796
Okla.	1,376	3.73	.92	51,268	335	12,496	63,764	65,797
Tex.	2,328	5.62	1.35	130,849	660	37,092	167,941	171,129
S. Cent. ..	10,111	4.50	1.05	455,449	4,027	185,081	640,530	652,952
Mont.	435	3.56	.94	15,474	84	2,990	18,464	19,224
Idaho.....	1,383	3.36	.87	46,517	96	3,226	49,743	51,374
Wyo.	177	3.55	.97	6,292	39	1,384	7,676	7,952
Colo.	786	4.05	1.09	31,867	97	3,928	35,795	37,260
N. Mex.	168	5.73	1.45	9,634	44	2,521	12,155	12,491
Ariz.	318	5.73	1.55	18,217	22	1,261	19,478	19,940
Utah.....	640	3.74	1.01	23,936	46	1,720	25,656	26,367
Nev.	78	4.44	1.23	3,462	6	266	3,728	3,863
Wash.	1,606	4.31	1.03	69,292	143	6,163	75,455	78,185
Oreg.	1,068	4.64	1.04	49,504	123	5,707	55,211	57,443
Calif.	6,707	4.48	1.18	300,804	145	6,496	307,300	313,869
West.....	13,366	4.30	1.10	574,999	845	35,662	610,661	627,966
U. S.	106,714	3.86	1.00	4,114,106	12,036	518,103	4,632,209	4,757,279

1/ Revised.
2/ Cash receipts divided by milk or milkfat represented in combined marketings.
3/ Computed at average returns per 100 pounds for milk in products marketed.
4/ Cash receipts from marketings of milk and cream plus value of milk used for farm consumption and farm butter churned.
5/ Milk produced on farms valued at average returns per 100 pounds for milk in products marketed. Includes value of milk fed to calves in addition to gross farm income.

Table 14.-Milk production on farms, United States, by months, 1929-55 1/

/In millions of pounds/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1929....	7,187	6,860	8,067	8,543	10,047	10,562	10,027	8,800	7,642	7,335	6,811	7,107	98,988
1930....	7,371	7,051	8,253	8,723	10,386	10,766	9,725	8,413	7,522	7,466	7,091	7,391	100,158
1931....	7,798	7,417	8,519	9,048	10,580	10,683	9,663	8,643	7,798	7,737	7,427	7,716	103,029
1932....	7,951	7,784	8,625	8,854	10,504	10,701	9,777	8,739	7,974	7,810	7,369	7,722	103,810
1933....	7,983	7,532	8,580	8,989	10,665	10,675	9,973	9,167	8,192	7,941	7,417	7,648	104,762
1934....	7,652	7,144	8,272	8,760	10,182	10,477	9,796	9,004	8,160	7,835	7,185	7,154	101,621
1935....	7,084	6,690	7,823	8,440	10,222	10,991	10,384	9,402	8,258	7,702	7,003	7,206	101,205
1936....	7,292	7,159	8,244	8,807	10,507	10,948	9,893	8,695	8,049	8,090	7,322	7,404	102,410
1937....	7,388	6,899	8,041	8,560	10,466	10,955	10,323	9,192	8,071	7,735	6,981	7,297	101,908
1938....	7,438	7,089	8,443	9,120	10,881	11,226	10,581	9,545	8,445	8,073	7,396	7,570	105,807
1939....	7,807	7,411	8,725	9,195	10,903	11,277	10,498	9,515	8,394	7,945	7,433	7,689	106,792
1940....	7,670	7,631	8,796	9,377	11,276	11,678	10,845	9,919	8,822	8,269	7,427	7,702	109,412
1941....	8,122	7,855	9,174	10,050	12,182	12,042	11,372	10,455	9,238	8,684	7,798	8,116	115,088
1942....	8,451	8,149	9,539	10,504	12,600	12,555	11,853	10,902	9,414	8,629	7,790	8,147	118,533
1943....	8,458	8,210	9,637	10,359	12,303	12,654	11,848	10,608	9,111	8,425	7,560	7,844	117,017
1944....	8,358	8,438	9,592	10,189	12,272	12,333	11,594	10,410	9,223	8,646	7,821	8,147	117,023
1945....	8,517	8,243	9,814	10,718	12,696	12,907	12,194	11,010	9,428	8,719	7,718	7,864	119,828
1946....	8,202	8,029	9,603	10,595	12,577	12,489	11,813	10,756	9,296	8,632	7,698	8,007	117,697
1947....	8,418	8,231	9,787	10,508	12,491	12,631	11,930	10,454	8,998	8,445	7,374	7,547	116,814
1948....	7,842	7,856	9,155	9,999	11,997	11,986	11,246	10,248	8,898	8,306	7,432	7,706	112,671
1949....	8,096	7,938	9,587	10,469	12,326	12,116	11,279	10,548	9,222	8,624	7,806	8,092	116,103
1950....	8,378	8,199	9,785	10,387	12,034	12,138	11,497	10,570	9,184	8,658	7,800	7,972	116,602
1951 2/.	8,277	8,077	9,570	10,149	12,063	12,096	11,366	10,443	9,005	8,410	7,508	7,717	114,681
1952 2/.	8,105	8,118	9,333	10,103	12,066	11,817	11,017	10,205	9,108	8,589	7,858	8,352	114,671
1953 2/.	8,732	8,510	10,123	10,847	12,482	12,322	11,433	10,517	9,222	8,813	8,316	8,904	120,221
1954 2/.	9,248	9,026	10,631	11,159	12,748	12,386	11,303	10,291	9,193	8,915	8,381	8,813	122,094
1955 3/.	9,163	8,835	10,486	11,156	12,844	12,520	11,453	10,515	9,434	9,222	8,668	9,158	123,454

1/ Estimates based on national indications of milk production and utilization. Subject to revision when data for all individual States become available.

2/ Revised.

3/ Preliminary.

Table 15.--Production and utilization of milk, United States, 1945-55

/In millions of pounds/

Source and use	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955 9/
Milk production											
On farms	119,828	117,697	116,814	112,671	116,103	116,602	114,681	114,671	120,221	122,094	123,454
Total 1/	120,628	118,697	118,114	113,671	117,003	117,302	115,181	115,071	120,521	122,294	123,554
Utilization (milk equivalent)											
Manufactured in plants											
Creamery butter, total	28,065	24,145	27,430	24,980	29,149	28,641	24,906	24,378	28,877	29,648	28,370
From whey cream	780	777	830	771	842	838	817	815	932	961	940
Net	27,285	23,368	26,600	24,209	28,307	27,803	24,089	23,563	27,945	28,687	27,430
Cheese											
American	8,776	8,058	9,394	8,597	9,384	8,972	8,791	8,551	10,239	10,475	10,000
Other	2,346	2,943	2,381	2,332	2,569	2,883	2,778	3,088	3,104	3,257	3,420
Canned milk											
Evaporated	8,147	6,567	6,899	7,271	5,898	6,177	6,221	6,087	5,448	5,398	5,500
Sweetened condensed	339	269	389	295	234	143	135	124	96	58	80
Bulk condensed milk											
Unsweetened	310	237	423	483	492	537	558	539	558	569	600
Sweetened	167	151	179	98	102	85	92	102	105	105	110
Dry whole milk	1,650	1,421	1,250	1,293	956	952	999	774	794	714	790
Frozen dairy products											
Ice cream, total	5,799	9,561	8,729	8,030	7,837	7,808	8,017	8,378	8,550	8,405	8,880
Other 2/, total	303	142	150	193	290	388	472	563	671	766	830
Fat from other products 3/	926	1,501	1,347	1,501	1,306	1,302	1,488	1,400	1,424	1,404	1,480
Net from milk and cream	5,176	8,202	7,532	6,722	6,821	6,894	7,001	7,541	7,797	7,767	8,230
Other factory products 4/	949	552	515	561	561	724	939	936	967	1,057	1,100
Total factory products 5/	55,145	51,768	55,562	51,861	55,324	55,170	51,603	51,305	57,053	58,087	57,260
Farm butter	6,714	6,557	6,154	5,808	5,440	5,160	4,746	4,215	3,876	3,562	3,365
Fluid consumption, farm 6/	12,600	12,900	12,600	12,000	11,700	11,300	11,300	11,200	10,500	10,100	10,100
nonfarm	40,200	41,700	40,400	40,000	40,600	41,600	42,800	43,700	44,600	46,100	48,200
Fed to calves	3,290	3,228	3,194	3,064	3,163	3,286	3,449	3,348	3,334	3,344	3,304
Exports and storage 7/	-39	487	-342	148	-242	-56	116	79	-148	-45	15
Other 8/	2,718	2,057	546	790	1,018	842	1,167	1,224	1,306	1,146	1,310

1/ Includes an allowance for milk produced by cows not on farms.
2/ Milk sherbet, ice milk, and miscellaneous minor frozen products.
3/ Milk equivalent of butter and condensed milk used in ice cream.
4/ Includes dry cream, malted milk, dry part skim milk, dry ice cream mix, and cottage cheese.
5/ Includes net milk equivalents of butter and frozen dairy products to avoid double counting of milk from which fat was reused in making a second dairy product.
6/ Includes an allowance for fluid consumption on farms not producing milk in addition to the consumption on farms where milk is produced shown in Table 3.
7/ Net movement of whole milk or cream into export or storage channels. A negative figure represents net imports or net out-of-storage movement during the year.
8/ Residual, including miscellaneous minor uses and any inaccuracies of independently determined production and use items.
9/ Preliminary.

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